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|------------------------------|---|----|---|------------------------|------------------------|
| Substitute for form 1449/PTO |   |    |   | Complete if Known      |                        |
|                              |   |    |   | Application Number     | 10/549,480-Conf. #8164 |
|                              |   |    |   | Filing Date            | September 15, 2005     |
|                              |   |    |   | First Named Inventor   | Masahiro YAMAKAWA      |
|                              |   |    |   | Art Unit               | 1796                   |
|                              |   |    |   | Examiner Name          | K. P. Reddy            |
| Sheet                        | 1 | of | 1 | Attorney Docket Number | 4670-0110PUS1          |

| U. S. PATENT DOCUMENTS |                       |                                                             |                                |                                                    |                                                                                 |
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| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| AA*                    | US-7,316,864-B2       | 01-08-2008                                                  | Nakayama et al.                |                                                    |                                                                                 |
| AB*                    | US-6,621,684-B2       | 09-16-2003                                                  | Shimamoto et al.               |                                                    |                                                                                 |
| AC*                    | US-7,567,429-B2       | 07-28-2009                                                  | Mori et al.                    |                                                    |                                                                                 |
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| FOREIGN PATENT DOCUMENTS |                       |                                                                                                |                                |                                                    |                                                                                 |
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| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>3</sup> -Number-Kind Code <sup>3</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear |
| BA                       | JP-2003-151554-A      | 05-23-2003                                                                                     |                                |                                                    |                                                                                 |
| BB                       | JP-2002-256129-A      | 09-11-2002                                                                                     |                                |                                                    |                                                                                 |
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| NON PATENT LITERATURE DOCUMENTS |                                                           |                                                                                                                                                                                                                                                                 |  |  |  |
|---------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Examiner Initials               | Cite No. <sup>1</sup>                                     | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  |  |
| CA                              | Application No. 10/567,119 Office Action dated 06/10/2008 |                                                                                                                                                                                                                                                                 |  |  |  |
| CB                              | Application No. 10/567,119 Office Action dated 12/29/2008 |                                                                                                                                                                                                                                                                 |  |  |  |
| CC                              | Application No. 10/567,119 Office Action dated 09/24/2009 |                                                                                                                                                                                                                                                                 |  |  |  |
| CD                              | Application No. 10/567,119 Office Action dated 02/04/2010 |                                                                                                                                                                                                                                                                 |  |  |  |
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|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.